

NEW

VHF binary dipole array

VHF 148-174MHz

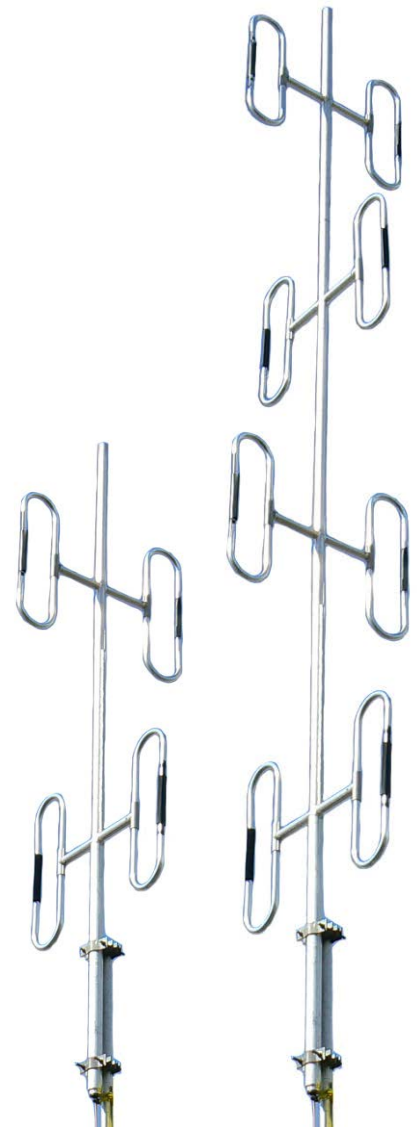
4-8 dipoles omni-directional array

These VHF binary dipole arrays offers both an omni-directional radiation pattern and genuine broadband coverage across the entire VHF 148-174MHz frequency range.

The array is therefore ideally suited for multiple frequency transmissions at highly populated radio sites.

Filtering, lightning protection, coaxial cable and other installation accessories are all available separately.

Specifications	DVA-1417AL	DVA-1417AL-6
Construction	Fully-welded corrosion resistant aluminium boom and dipoles or add -SS for 304 stainless steel	
Frequency range	VHF 148-174MHz	
Bandwidth	Full band	Full band
VSWR	<1.5:1 across full band	
Tuning	Factory	Factory
Gain	3 dBd	6 dBd
Maximum power	250 Watts	250 Watts
Polarisation	Vertical	Vertical
H Plane	360° omni-directional, ± 0.5 dBd	
E Plane	34°	21°
Impedance	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Connector	N-type female in base of mount section - no cable	
Projected area	0.351m ²	0.676m ²
Wind load at 160kph	42.505kg, 0.417kN	81.867kg, 0.802kN
Height	3.6 metres	6.4 metres
Mount section area	Aluminium - 48.4mm x 300mm Stainless steel - 50.8mm x 300mm	
Weight	Aluminium- 16.0kg Stainless steel - 21.0kg	Aluminium- 23.0kg Stainless steel - 29.0kg
Mounting hardware (order separate)	2 x UAM180L or UAM90L - 40-75mm capability 2 x UAM180UNI or UAM90UNI - 40-90mm capability	



DVA-1417AL

DVA-1417AL-6



UAM180L



UAM90L



UAM180UNI



UAM90UNI